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Sheet	1	of	2
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Application Number	10/771,045
Filing Date	February 03, 2004
First Named Inventor	FRANK P. UCKERT
Group Art Unit	1713
Examiner Name	Unknown
Attorney Docket Number	UC0209USNA

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	10/771,045
Filing Date	February 03, 2004
First Named Inventor	FRANK P. UCKERT ET. AL.
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Examiner Name	Unknown
Attorney Docket Number	UC0209USNA

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SANDER, R. et al., Synthesis, Properties, and Guest-Host Systems of Triphenylamine-Based Oligo(arylenevinylene)s: Advanced Materials for LED Applications, Macromolecules, 1998, 7705-7708, 29, American Chemical Society	<input type="checkbox"/>
		GAMERITH, S. et al., Comparison of thermal and electrical degradation effects in polyfluorenes, Synthetic Metals, 2003, 855-858, 139, Elsevier B.V.	<input type="checkbox"/>
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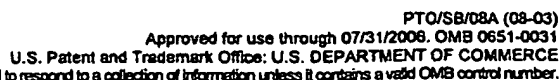
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	2
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Application Number	10/771,045
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First Named Inventor	Frank P. Ucker et al.
Group Art Unit	1713
Examiner Name	Unknown
Attorney Docket Number	UC0209USNA

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

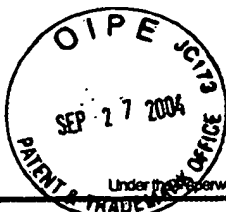
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Signature**

Date Considered

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Sheet 2

of 2

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Application Number	10/771, 045
Filing Date	February 3, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1713
Examiner Name	Unknown
Attorney Docket Number	UC0209USNA

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DE 19846767, Partially conjugated polymer useful as an organic semiconductor or an electroluminescence material, and for display elements in television monitor and illumination technology contains fluorene building units, Abstract, 08-13-2000, Aventis Res & Technologies GmbH	<input type="checkbox"/>
		JP 2000319272, (Diarylamino) furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials, Abstract, 04-21-2001, Tosoh Corp	<input type="checkbox"/>
		JP 08157575, Carrier transport polymers – useful as carrier transport materials in organic thin film electroluminescence devices, Abstract, 10-25-1998, Toppan Printing Co. Ltd.	<input type="checkbox"/>
		JP 2000143778, Display element such as cathode ray tube and light emitting diode, comprises specified light emitting compound as color developing materials, Abstract, 10-06-2000, Samsung Denkan KK	<input type="checkbox"/>
		JP 10273522, Production of phenylene group-containing copolymers – comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 01-13-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 10273521, Production of phenylene group-containing copolymers – comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 12-23-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 03028220, Electrochromic elements for display or optical shield glass – contg. film of polyphenylene polymer derived from fluorene, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 03017120, Polyphenylene polymers used as conductive material or display material are produced by chemical or electrochemical-oxidative polymerizing of specified fluorene derivs, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 02269734, New polyphenylene-type polymer prepd. By oxidn. Polymerization of fluorene derive., Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		KR 99057430, Fluorene-based alternating statistical copolymer containing multi-luminescence groups and electroluminescence device using the same, Abstract, 07-15-1999, Korea Adv Inst Sci & Technology	<input type="checkbox"/>
		COWELL, ALLAN B. ET AL., Fluoroalkylation of Aromatic Compounds, Journal of Fluorine Chemistry, 17, 1981, 345-358, Elsevier Sequoia S.A., Lausanne, The Netherlands	<input type="checkbox"/>
		KAMIGATA, NOBUMASA ET AL., Direct Perfluoroalkylation of Aromatic and Heteroaromatic Compounds with Perfluoroalkanesulfonyl Chlorides Catalysed by a Ruthenium (II) Phosphine Complex, J. Chem. Soc. Perkin Trans., 1, 1994, 1339-1346	<input type="checkbox"/>

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	10/771,045
Filing Date	February 03, 2004
First Named Inventor	Frank P. Uckert Et. Al.
Art Unit	1713
Examiner Name	Unknown
Attorney Docket Number	UC0209USNA

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,777,070 A	07-07-1998	Inbasekaran et al.	
		US- 6,107,452 A	08-22-2000	Miller et al.	
		US- 6,255,449 B1	07-03-2001	Woo et al.	
		US- 6,309,763 B1	10-30-2001	Woo et al.	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)				

Examiner Signature		Date Considered	6/6/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/771,045
				Filing Date	February 03, 2004
				First Named Inventor	Frank P. Uckert ET AL.
				Art Unit	1713
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	UC0209USNA

NON PATENT LITERATURE DOCUMENTS			
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		KLARNER, G. et al., Cross-linkable Polymers Based on Dialkylfluorenes, Chem. Mater., 1999, 1800-1805, 11, American Chemical Society	<input type="checkbox"/>
		CHEN, J.P. et al., Efficient, blue light-emitting diodes using cross-linked layers of polymeric arylamine and fluorene, Synthetic Metals, 1999, 129-135, 107, Elsevier Science S.A.	<input type="checkbox"/>
		SCOTT, J. C. et al., Full Visible Spectrum From Multilayer Polyfluorene Light-Emitting Diodes, Abstract Submitted for the MAR00 Meeting of The American Physical Society, March 21, 2000	<input type="checkbox"/>
		CHEN, J.P. et al., Efficient, Blue Light-Emitting Diodes Using Crosslinked Polymer Multilayers, Polymer Preprints, 1999, 1232-1233, 40, American Chemical Society	<input type="checkbox"/>
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